2025

T1Nexus and NVIDIA Cross Reference Guide: Cables

T1Nexus and NVIDIA Cross Reference Guide

For quick access to affordable, high-quality products, choose the T1Nexus cables from the comparison guide that best suit your needs

	NVIDIA PART NUMBER	T1 PART NUMBER	PRODUCT FAMILY
DACs	MCP4Y10-N001 MCP4Y10-N002 MCP4Y10-N00A MCP4Y10-N01A	T1-DAC-NDR-800G-xx	Direct Attach Copper (DAC) Cables

	NVIDIA PART NUMBER	T1 PART NUMBER	PRODUCT FAMILY
BREAK OUT DACs	MCP7Y00-N001 MCP7Y00-N002 MCP7Y00-N003 MCP7Y00-N01A MCP7Y00-N02A	T1-DAC-NDR-800G-2X400G-xxxM	Direct Attach Copper (DAC) Cables
	MCP7Y50-N001 MCP7Y50-N002 MCP7Y50-N003 MCP7Y50-N01A MCP7Y50-N02A	T1-DAC-NDR-800G-4x200G-xxxM	Direct Attach Copper (DAC) Cables
	MCP7Y50-N001 MCP7Y50-N002 MCP7Y50-N003 MCP7Y50-N01A MCP7Y50-N02A	T1-DAC-NDR-800G-Q4x200G-xxxM	Direct Attach Copper (DAC) Cables

	NVIDIA PART NUMBER	T1 PART NUMBER	PRODUCT FAMILY
ACCs	MCA4J80-N003 MCA4J80-N004 MCA4J80-N005	T1-ACC-NDR-800G-xxxM	Direct Attach Copper (DAC) Cables ACTIVE
	MCA7J60-N004 MCA7J60-N005	T1-ACC-NDR-800G-2X400G-xxxM	Direct Attach Copper (DAC) Cables ACTIVE
	MCA7J70-N004 MCA7J70-N005	T1-ACC-NDR-800G-2X400G-xxxM	Direct Attach Copper (DAC) Cables ACTIVE

	NVIDIA PART NUMBER	T1 PART NUMBER	PRODUCT FAMILY
AOCs	N/A	T1-AOC-400G-4x100G-xxxM	Active Optical Cable
		T1-AOC-400G-2x200G-xxxM	Active Optical Cable
		T1-AOC-NDR-800G-2x400G-xxxM	Active Optical Cable
		T1-AOC-NDR-800G-4x200G-xxxM	Active Optical Cable
		T1-AOC-400G-xxxM	Active Optical Cable
		T1-AOC-400G-4X100G-xxxM	Active Optical Cable
		T1-AOC-O-400G-2x200G-xxxM	Active Optical Cable

T1Nexus DACs

T1Nexus' DAC solutions are engineered to simplify data center infrastructure, providing flexible length configurations for improved organization and lower power consumption.

800G cable lengths:

0.5 Meters	1 Meter
1.5 Meters	2 Meters
2.5 Meters	

800G-4x200G cable lengths:

1 Meter	1.5 Meters
2 Meters	2.5 Meters
3 Meters	

T1 PART NUMBER	PRODUCT DESCRIPTION
T1-DAC-NDR-800G-xx	100% NVIDIA Compatible PASSIVE copper splitter cable, IB twin port NDR 800Gb/s to 2x400G b/s, OSFP to 2xOSFP,xxxM
T1-DAC-NDR-800G-4x200G-xxxM	100% NVIDIA Compatible PASSIVE copper splitter cable, IB twin port NDR 800Gb/s to 2x400G b/s, OSFP to 2xOSFP,xxxM
T1-DAC-NDR-800G-4x200G-xxxM	100% NVIDIA Compatible PASSIVE copper splitter cable, IB twin port NDR 800Gb/s to 4x200G b/s, OSFP to 4xOSFP, xxxM
T1-DAC-NDR-800G-Q4x200G-xxxM	100% NVIDIA Compatible PASSIVE copper splitter cable, IB twin port NDR 800Gb/s to 4x200G b/s, OSFP to 4xQSFP112, xxxM

T1Nexus ACCs

T1Nexus' product family of ACCs are built to streamline data center infrastructure with flexible length options for superior organization and reliability.
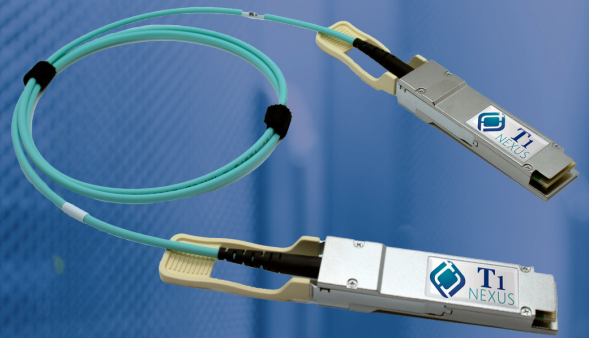
800G cable lengths:

3 Meters
4 Meters
5 Meters

800G-2x400G cable lengths:

4 Meters
5 Meters

T1 PART NUMBER	PRODUCT DESCRIPTION
T1-ACC-NDR-800G-xxxM	100% NVIDIA Compatible ACTIVE copper cable, IB twin port NDR, up to 800Gb/s, OSFP, xxxM
T1-ACC-NDR-800G-2X400G-xxxM	100% NVIDIA Compatible ACTIVE copper splitter cable, IB twin port NDR 800Gb/s to 2x400Gb /s, OSFP to 2xOSFP, xxxM
T1-ACC-NDR-800G-2X400G-xxxM	100% NVIDIA Compatible ACTIVE copper splitter cable, IB twin port NDR 800Gb/s to 4x200Gb /s, OSFP to 4xOSFP, xxxM

T1 NEXUS

T1Nexus AOCs

 T1Nexus offers AOCs as a versatile cable solution for data centers, providing high-speed, long-distance connectivity. NVIDIA does not offer AOCs as part of its cable solutions.

*Cable lengths vary.

T1 PART NUMBER	PRODUCT DESCRIPTION
T1-AOC-400G-4x100G-xxxM	**AOC - QSFP+ to 4xSFP+ optical cable xxxM. MM fiber.**
T1-AOC-400G-2x200G-xxxM	**400G IB QSFP-DD to 2x200G QSFP56 Breakout Active Optical Cable xxxM**
T1-AOC-NDR-800G-2x400G-xxxM	**800G NDR OSFP finned/IHS top to 2x400G flat top AOC SM fiber xxxM**
T1-AOC-NDR-800G-4x200G-xxxM	**800G NDR OSFP finned/IHS top to 4X200G flat top AOC SM fiber xxxM**
T1-AOC-400G-xxxM	**400G QSFP-DD AOC over MM Fiber xxxM**
T1-AOC-400G-4X100G-xxxM	**400G QSFP-DD to 4x100G QSFP56 Breakout Active Optical Cable xxxM**
T1-AOC-O-400G-2x200G-xxxM	**400G to 2x200Gb/s, OSFP to 2xQSFP56, AOC splitter, IB twin port HDR xxxM**